

VLASYUK, P.A., akademik, otv. red.; SIROCHENKO, I.A., doktor sel'-khoz.nauk, red.; MANORIK, A.V., kand.biol.nauk, red.; OSTROVSKAYA, L.K., doktor biol. nauk, red.; PERESYPKIN, V.F., doktor biol. nauk, red.; KHOMENKO, A.D., kand. bil. nauk, red.; KAPITANCHUK, V.A., red.; LISOVICHENKO, Ya.V., red.; KVITKA, S.P., tekhn. red.

[Using trace elements, polymers, and radioactive isotopes in agriculture; transactions] Primenenie mikroelementov, polimirov i radioaktivnykh izotopov v sel'skom khoziastve; trudy. Kiev, Izd-vo Ukr. akad. sel'khoz. nauk. No.1. 1962. 296 p.  
(MIRA 15:8)

1. Koordinatsionnyye soveshchaniya problemy komissii Ukrainskoy akademii sel'skokhozyaystvennykh nauk, 1960.
2. Akademiya nauk USSR i Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina i Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (for Vlasyuk). 3. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy (for Manorik).

(Agricultural chemistry)

KAPITANCHUK, V.A., nauchnyy sotrudnik

Short [redacted] of the nos. 1-4 of the "Biulleten' po fiziologii  
rastenii." Nauch.trudy Ukr.nauch.-issl.inst.fisiol.rast no.23:  
211-213 '62. (MIRA 16:2)  
(Ukraine—Plant physiology—Periodicals)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

KAPITANCHUK, V.A.

Fourth All-Union Conference of Uses of Microelements in the  
National Economy. Dop. AN URSR no.10:1398-1402 '62.  
(MIRA 18:4)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

VLASYUK, P.A., akademik; KAPITANCHUK, V.A.

The 4th All-Union Conference on the Problems of the Use of Trace  
Elements in Agriculture and Medicine. Zhur. VKHO 8 no.6:671-674  
'63. (MIRA 17:2)

1. Akademiya nauk UkrSSR i Vsesoyuznaya akademiya sel'skokhozyayst-  
vennykh nauk imeni Lenina (for Vlasyuk).

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

OSTROVSKAYA, L.K. [Ostrovs'ka, L.K.]; KAPITANCHUK, V.A.

Fourth All-Union Conference on trace elements. Ukr. biokhim. zhur.  
35 no.2;317-320 '63. (MIRA 17:9)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

PEYVE, Ya.V., akademik, otv. red.; VLASYUK, P.A., akademik, red.; SIROCHENKO, I.A., prof., red.; VOYNAR, A.I., prof., red.; MINORIK, A.V., kand. biol. nauk, red.; OSTROVSKAYA, L.K., doktor biol. nauk, red.; ZADERIY, I.I., doktor sel'khoz. nauk, red.; KURINNAYA, M.F., dots., red.; KLIMOVITSKAYA, Z.M., kand. biol. nauk, red.; MITSYK, V.Ye., kand. vet. nauk, red.; KAPITANCHUK, V.A., red.; RAD'KO, M.K., red.

[Trace elements in agriculture and medicine; materials]

Mikroelementy v sel'skom khoziaistve i meditsine; materialy. Kiev, Gossel'khozizdat USSR, 1963. 689 p.

(MIRA 18:1)

1. Vsesoyuznoye soveshchaniye po voprosam primeneniya mikroelementov v sel'skom khozyaystve i meditsine, 4th, Kiev, 1962.
2. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy AN Ukr.SSR (for Ostrovskaya, Vlasyuk).
3. Institut biologii AN Latviyskoy SSR (for Peyve).
4. Kiyevskiy meditsinskiy institut (for Kurinnaya).
5. Donetskiy meditsinskiy institut im. A.M.Gor'kova (for Voynar).
6. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii i biokhimii sel'sko-khozyaystvennykh zhivotnykh (for Mitsyk).
7. Belotserkovskiy sel'skokhozyaystvennyy institut (for Zaderiy).

VLASYUK, P.A., akademik, otv. red.; KOLOMIYTSEVA, M.G., prof.,  
red.; KRUPSKIY, N.K., prof., red.; KLIMOVITSKAYA, Z.M.,  
doktor biol. nauk, red.; KURINNAYA, M.F., kand. med.  
nauk, red.; MITSYK, V.Ye., kand. vet. nauk, red.;  
KAPITANCHUK, V.A., red.; RUDAKOVA, E.V., kand. biol. nauk,  
red.; SKUTSKAYA, N.P., red.

[Use of trace elements in agriculture; Republic interde-  
partmental collection of papers] Primenenie mikroelementov  
v sel'skom khoziaistve; Respublikanskii mezhvedomstvennyi  
sbornik. Kiev, Naukova dumka, 1965. 218 p.

(MIRA 18:7)

1. Akademiya nauk UkrSSR, Kiev. 2. Institut fiziologii rasteniy  
Ukr.SSR (for Vlasyuk, Rudakova).

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

KAPITANCHUK, V.A.

First Congress of Biochemists of the Ukraine. Dop. AN URSR  
no.11:1538-1541 '65.

(MIRA 18:12)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

KAPITANCHUK, V.A.

First Moldavian Scientific Conference of Plant Physiologists and  
Biochemists and the participation of Ukrainian scientists in it.  
Dop. AN URSR no.3:413-416 '63. (MIRA 17:10)

VLASYUK, P.A., akademik, glav. red.; OSTROVSKAYA, L.K., doktor biol. nauk, red.; ZADERIY, I.I., doktor sel'skhoz. nauk, red.; KURINNAYA, M.F., kand. med. nauk, red.; MITSYK, V.Ye., kand. vet. nauk, red.; KAPITANCHUK, V.A., red.; SKUTSKAYA, N.P., red.

[Microelements in the life of plants, animals and man; Transactions of the Coordinating Conference of the Special Commission of the Academy of Sciences of the Ukrainian S.S.R. held on February 22-23, 1963] Mikroelementy v zhizni rastenii, zhivotnykh i cheloveka; trudy koordinatsionnogo soveshchaniia problemnoi komissii AN USSR ot 22-23 fevralia 1963 g. Kiev, Naukova dumka, 1964. 323 p. (MIRA 18:2)

1. Akademiya nauk UkrSSR, Kiev. Instytut fiziologii rostlyn.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

KAPITANCHUK, V.A.

Methodological conference on photosynthesis. Fiziol. rast. 11  
no. 5-937 S.O '64.  
(ICRA 17:10)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

VLASYUK, P.A., akademik, otv. red.; OKANENKO, A.S., doktor biol.  
nauk, red.; MANORIK, A.V., kand. biol. nauk, red.; KALININ,  
F.L., doktor biol. nauk, red.; PROTSENKO, D.F., doktor  
biol. nauk, red.; SIROCHENKO, I.A., doktor sel'khoz. nauk,  
red.; KAPITANCHUK, V.A., red.; ANDRIYCHUK, M.D. red.

[Photosynthesis and crop yields] Fotosintez i produktiv-  
nost' rastenii. Kiev, Naukova dumka, 1965. 280 p.

(MIRA 18:6)

1. Akademiya nauk URSR, Kiev. Instytut fiziologii rostlyn ta  
agrokhimii.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

KAPITANCHUK, V.A.

Efficient utilization of trace-element fertilizers. Khim. prom.  
[Ukr.] no.146-17 Jan-Mar '65.  
(MIRA 1814)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

OSTROVSKAYA, L.K., doktor biol. nauk, otv. red.; VLASYUK, P.A., akademik, red.; MANORIK, A.V., kand. biol. nauk, red.; KALININ, F.L., doktor biol. nauk, red.; OKANENKO, A.S., doktor biol. nauk, red.; PROTSENKO, D.F., doktor biol. nauk, red.; SIROCHENKO, I.A., doktor biol. nauk, red.; KAPITANCHUK, V.A., red.; MAKAROVA, G.M., red.

[Complexons as a means against lime-induced chlorosis of plants] Kompleksory kak sredstvo protiv izvestkovogo khloroza rastenii. Kiev, Naukova dumka, 1965. 194 p.  
(MIRA 18:7)

1. Institut fiziologii rasteniy AN Ukr.SSR (for Ostrovskaya). 2. AN Ukr.SSR (for Vlasyuk).

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

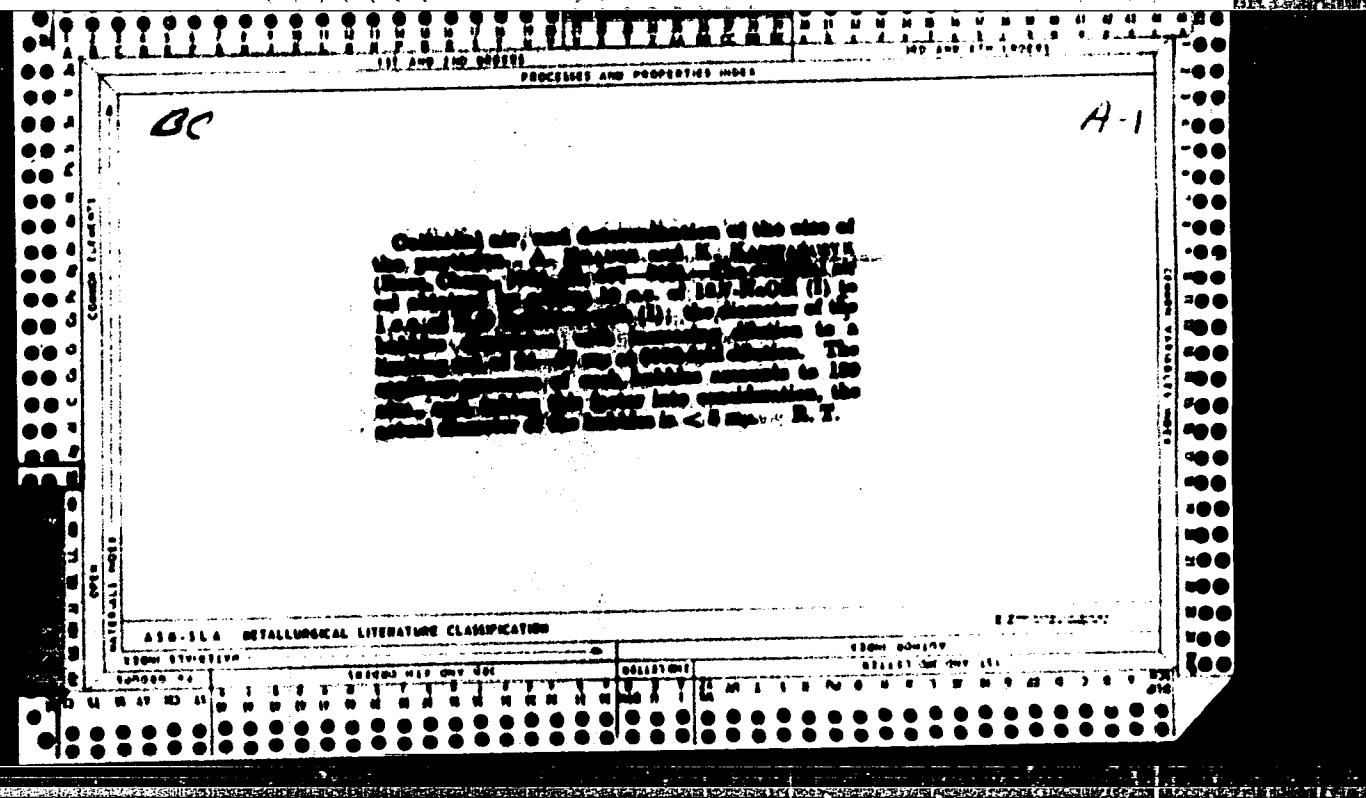
MEL'NICHUK, P.P.; KAPITANCHUK, V.A.

Petr Antipovich Vlasiuk his 60th birthday. Zemledelie 27 no.4:92  
Ap '65. (MIRA 18:4)

1. Institut fiziologii rasteniy AN UkrSSR.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"



APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

OK

Catalytic decomposition of hydrogen peroxide by ferric  
hydroxides and oxides. JI. Kapitaegry. Recensit  
Avn. 18, 281 (in German, 21S) (1987).--Review.  
M. Wojciechowski

434-514 METALLURGICAL LITERATURE CLASSIFICATION

140289 R	140289-110	140289-111	140289-112
14 96 AV HO AV			

KAPITAN CZYK, Kazimierz

*Theallium ferrite.* Kazimierz Kapitañczyk (Ugiv, Pol.  
and Ph.D.) - Rec'd. 11/16/65 (Chem. Abstr. 65: 11186). TlFeO<sub>3</sub>  
is prepd. as follows: heat 100 cc. 50% NaOH soln. to  
boiling in a Pt dish, add 1/4 of 0.6-0.8 g. Fe<sub>2</sub>O<sub>3</sub> (in the form  
of 15 g. moist hydroxide), when soln. is complete add 2 g.  
TlNO<sub>3</sub> (in the min. amt. of H<sub>2</sub>O) while the mixt. is kept  
at the b.p., then add the remainder of the Fe<sub>2</sub>O<sub>3</sub>. After  
4-6 min. the brown color of the soln. disappears and the  
O<sub>2</sub> ppts. (cherry-red-brown coke). Allow the mixt. to  
cool, decant after 12-24 hrs., wash the solid with 50  
cc. 25% EtOEt, filter by suction, and wash several times  
with 25% and 50% EtOH. The violet-brown solid, of  
6.12, analyzes for TlFeO<sub>3</sub>, is unreacted, and gives a  
characteristic x-ray spectrum. R. H. Sorenson

6  
C.R.  
*Ionic reactions in nonaqueous solutions similar to water.*  
K. Kapitanský, *Wissensc. Chem.*, 1, No. 11/12, 13-  
31 (1947).--The chemistry of solns. in liquid NH<sub>3</sub>, SO<sub>2</sub>,  
H<sub>2</sub>P, and H<sub>2</sub>S is briefly reviewed.  
A. Sporyński

AMSLA METALLURGICAL LITERATURE CLASSIFICATION

YARD NUMBER

SEARCHED MAY 1964

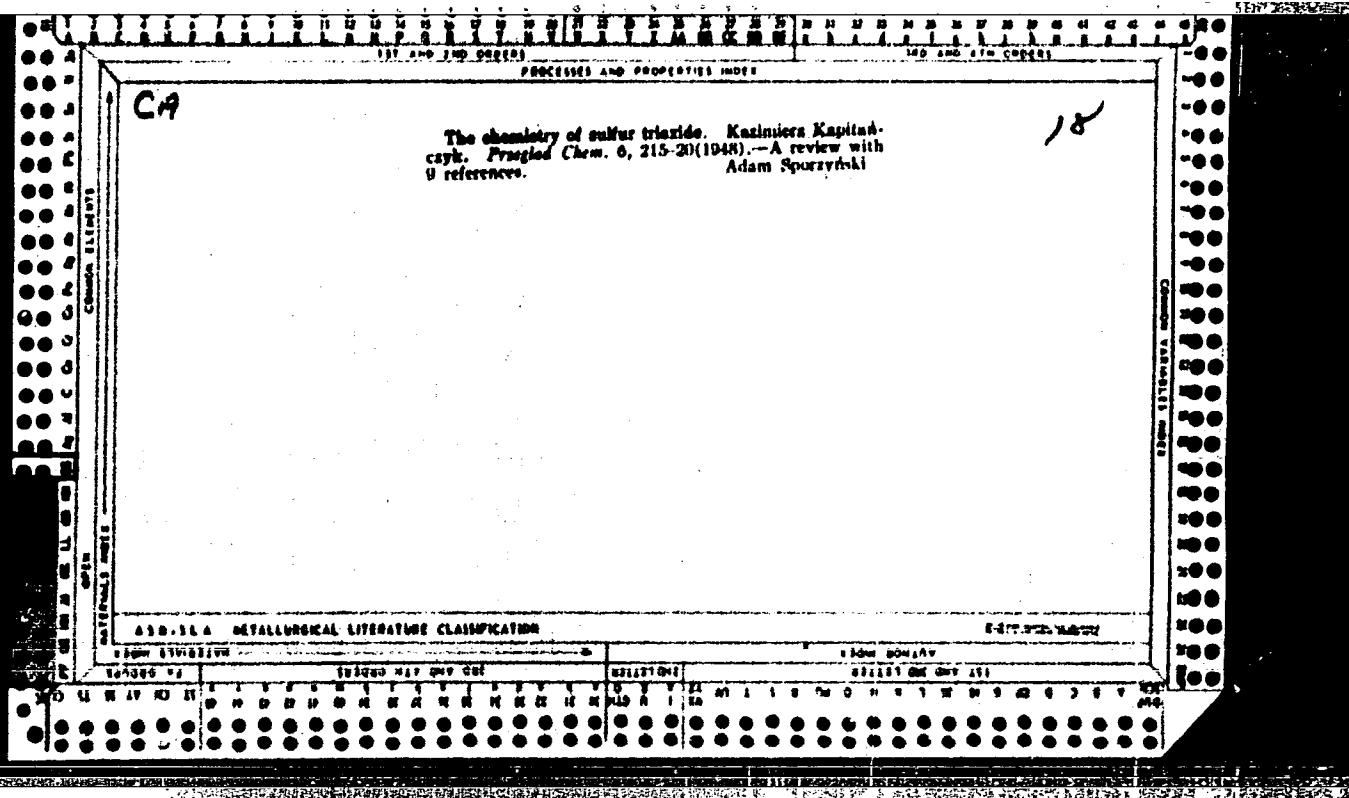
COLLECTED

SEARCHED MAY 1964

CA

The estimate of cumulative dammed bottom. *Kostan'ye  
Vodoplyaschye Vodnye Tsvora, Proyekt N-100, Press  
"Gidrosvyaz", Leningrad, Gidr. A. S., No. 2, 1958-64*  
(1964). - A cumulative state of the river was given, by a cumulative  
bottom estimate. Water level, by this was related to an average  
100 m cubic. of water in the ratio 1:10. An app. to esti-  
mation with this is discussed. The est. took about 10 hrs.  
Study by other methods sometimes exceeds the time.

[of estimated globules to be 4.0 million tonnes (cumulative pres-  
sure 200.4 cm.). The corresponding cumulative area of the  
dams not been approached and the flows are not stable.  
The characteristics of cumulative the area, are attributed to  
theoretical phenomena. Cf. Borch and Verner (C.A.  
55, 1965).] *Soviet Hydraulics*



CA

b

Chemical reactions in the waterlike medium liquid  
ammonia. Kazimierz Kapitański (Univ. Poznań, Po-  
land). *Wadomnictw Chem.* 4, 49-60 (1960).—A review with  
38 references.  
Adam Sporzyński

KAPTTARNEZAK, K.

The origin of colloidal fibrous (ultramicroscopic) foam.  
Kazimierz Kapitanczyk (Phys. School, Tomasz, Poland)  
*Pomorska Szkoła Przemysłowa Nauk. Piśm. Konsum. Mat.*  
*Dosziedelskiej Ser. A, 6, 1-15 (1954); Chem. Zents. 1954, II,*  
1007; cf. C.A. 48, 7119i.—When a few drops of 36%  $H_2O_2$   
were placed on the surface of caustic NaOH, a colloidal foam  
formed. Under the ultramicroscope it appeared to consist  
of colloidal bubbles of a slimy nature. At individual points  
on the foam-NaOH boundary grape-formed, fibrous foam  
was to be seen, which appeared to consist of fibers of individ-  
ual bubbles, which occasionally reflected the light  
“like irly” just as if the NaOH soln. between them consisted  
of liquid crystals. These microscopically and ultramicro-  
scopically observed phenomena present particles, i.e. Liq-  
uef rings and the periodic ptn. formations that have been  
described by Hartelick (C.A. 49, 309), Owsenik (C.A. 51,  
2387), and Popp (C.A. 49, 2102). The results suggest that  
alkali sols in gaseous form behave just as do other colloidal  
systems. M. G. Moore

M.G.M.

KAPITANCKY, KAZIMIERZ

Poland

CA: 47:12075

with URSZULA GLABISZOWNA

Eng. Inst., Poznan, Poland

"Silver thallates and thallium thallates."

Roczniki Chem. 25, 117-25 (1951) (German summary).

KAPITANCKYK, KAZIMIERZ

Mutual solubilities of components for the systems: coriander oil-water-linalool with respect to temperature. Kazimierz Kapitanckyk and Feliks Kaczmarek (Eng. School, Poznan, Poland). "Farnacia Polska" 10, 8-8(1954).—Gravimetric method: 200 g. of an aq. soln. of coriander oil was brought to room temp., and shaken 3 times with Et<sub>2</sub>O in 30-ml. portions, the combined exts. dried with CaCl<sub>2</sub>, and filtered into a weighed 160-ml. flask, ether wash of the filter and CaCl<sub>2</sub> being added to the filtrate. Et<sub>2</sub>O was removed at 40°, the flask contents were dried 3 hrs. and weighed. The oil content in satd. aq. soln. was calcd. for the given temp. This method is not satisfactory. Volumetric method: 300 g. of satd. aq. coriander oil soln. and 100 g. NaCl were distd. Distn. was carried out for 2 hrs., and after 15 min. the collected oil was read in a calibrated tube and recalc'd. to 100 g. of aq. soln. Soly. rate for water in oil and in linalool was detd. by the method of Fischer (C.A. 29, 9532). A blank run on the coriander oil gave an insignificant result. About 5 g. of coriander oil, or linalool, was mixed with 10 ml. of water, brought to the required temp., shaken 3 times vigorously in the thermostat, and left 24 hrs. to permit complete sepn. of the 2 mutually satd. layers. One to two g. of the oil or the linalool layer was weighed out and 10 ml. anhyd. MeOH added as quickly as possible and the resulting soln. of oil in MeOH titrated with Fischer reagent with CaCl<sub>2</sub> protection from air moisture.

At the same time a control of 0.1-0.3 g. of H<sub>2</sub>O in 10 ml. MeOH was used from which the water in the sample was calcd. For the range 0 to 80°, mutual solubilities of the above were poor. Soly. curves for oil and for linalool in H<sub>2</sub>O were almost parallel, their solubilities in H<sub>2</sub>O decreasing with increase in temp. Soly. of coriander oil decreased from 0.20% at 4.5° to 0.00% at 71°. Between 49 and 71° the percentage oil in the satd. aq. phase varied from 0.61 to 0.00%. Optimal cooling temp. for the coriander oil distillate was 10-50°. The resulting solv. curve for coriander in H<sub>2</sub>O differs from that given by Obukhov and Kostylevskii (*Vestn. fiz.-khim. s.-ch. po stroitstvu i proizvodstvu* 1946, 220), according to which, for a temp. rise from 15 to 27°, the solv. of oil in H<sub>2</sub>O increased, and then with further temp. rise it decreased. Results obtained for domestic coriander oil indicate that its solv. in H<sub>2</sub>O decreases continuously with temp. increase for the range investigated (4.5 to 71°). In the temp. range 7 to 78° satd. of oil and of linalool with H<sub>2</sub>O changes negligibly, and shows linear increase with temp., contrary to the case of oil or linalool solv. in H<sub>2</sub>O. The H<sub>2</sub>O content in the satd. coriander oil layer increased from 1.60% at 7° to 1.91% at 78°, and for linalool it varied from 2.71% at 7° to 3.01% at 78°. The systems coriander oil-H<sub>2</sub>O and linalool-H<sub>2</sub>O should be considered as limited solv. systems in which the solv. of one component increases with temp. increase while the other decreases. Clayton F. Holloway

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KAPITANCKI, KAZIMIERZ

Kazimierz Kapitanczyk and Urszula Glabisz: "O Talanach," Roczniki Chemii, Vol 30, No 2, Warsaw, 1956. Published from the Research Laboratory of General Chemistry, Poznan Polytechnic, 6 Apr 55.

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CIA-RDP86-00513R000520420019-8"

POLAND/Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref Zbior-Khim., No 24, 1958, 80953.

Author : Knipitanczyk K., Glabisz V.

Inst :

Title : Thallium Containing Compounds.

Orig Pub: Roczn. chem., 1956, 30, No 2, 385-397.

Abstract: In proving amphoteric properties of  $Tl^{3+}$ , its complexes with various metals were prepared:  
 $Ag_3TlO_3$ ,  $AgTlO_4$ ,  $Ag_4Tl_4O_{11}$ ,  $Ag_4Tl_4O_5$ ,  $Ag_3Tl_4O_7$ ,  
 $Na_3TlO_3$ ,  $NaTlO_2$ ,  $Na_4Tl_4O_9$ ,  $Na_4Tl_4O_{11}$ ,  $KTlO_2$ ,  
 $K_2Tl_4O_7$ ,  $Li_3TlO_3$ ,  $LiTlO_2$ ,  $Li_4Tl_4O_9$ ,  $Mg_3(TlO_4)_2$ ,  
 $Mg(TlO_4)_4$ ,  $Mg_3Tl_4O_9$ ,  $Ca_2Tl_4O_5$ ,  $Ca_4Tl_7O_10$ ,  $Ba(TlO_2)_2$ ,  
 $Ba_3Tl_4O_9$ ,  $Ba_2Tl_2O_5$ ,  $Ba(TlO_2)_4$ ,  $Sr_3Tl_4O_9$ ,  
 $Sr_2Tl_4O_{11}$ ,  $Sr_4Tl_4O_5$ ,  $SrTl_4O_7$ ,  $Tl_3TlO_3$ ,  $TlTlO_4$ ,  
 $Tl_6Tl_4O_9$ ,  $Tl_4Tl_4O_{11}$ ,  $Tl_4Tl_4O_5$ ,  $Tl_2Tl_4O_7$ . The

+  $Li_4Tl_2O_5^-$ ,

Card : 1/2

2

: KAPITANCHIK, R.  
Poland / Analytical Chemistry.  
Analysis of Inorganic Substances.

E-2

Abs Jour: Ref. Zhur - Khimiya No. 2, 1958, 4292

Author : Kapitanchik, Kuzhawa, Medzinsky

Title : Determination of Aluminum Oxide in Aluminum Metal

Orig Pub: Roczn. Chem., 1956, 30, No. 2, 607-612

Abstract: A method for determining Al<sub>2</sub>O<sub>3</sub> present in aluminum metal is developed; it is based on the selective solubility of Al and Al<sub>2</sub>O<sub>3</sub> in a solution containing 4g of tartaric acid, 1g of citric acid and 3 ml. of saturated HgCl<sub>2</sub> solution per 100 ml. To the resulting solution, 10 ml. of HCl (1:1) is added; the contents are boiled for 5 minutes, filtered, washed with a 5% solution of tartaric acid and the Hg is removed. Filter paper with the precipitate is burned, the ash fused with 3-4g of K<sub>2</sub>S<sub>2</sub>O<sub>7</sub> and

Card 1/2

Poznan Univ.

Card 2/2

KAPITANCYK, Kazimierz; KICIAK, Stanislaw

Application of biuret reaction in quantitative analysis. I.  
Photocolorimetric method of determining gelatine in dilute  
aqueous solution. II. Photocolorimetric determination of  
copper in dilute aqueous solutions. III. Photocolorimetric  
determination of copper and gelatine in dilute aqueous solutions.  
Chem anal 4 no.4:729-746 '59. (KRAI 9:6)

1. Katedra Chemii Ogolnej Politechniki, Poznan.  
(Biuret reaction) (Gelatin) (Copper)  
(Water) (Solutions)

KAPITANCYK, K.; KICIAK, S.

Photocolorimetric investigations in the system  $\text{Ni}^{2+}$ -gelatine  
KOH. Chem anal 4 no.4:761-762 '59. (ZBAI 9:6)  
(Nickel) (Gelatin) (Potassium hydroxide)

KAPITANCZYK, Kazimierz; KURZAWA, Zbigniew

Determination of calcium in the presence of iron and aluminum in  
technical analysis. Chem anal 5 no.1:61-64 '60. (EKA 9:11)

1. Katedra Chemii Ogolnej Politechniki, Poznan.  
(Calcium) (Aluminum) (Iron)

KAPITANCZYK, Kazimierz; KURZAWA, Zbigniew; PRYMINSKI, Zygmunt

Photoscolorimetric determination of iron as ferric aside. Chem  
anal 5 no.3:417 '60. (EKA 10:8)

1. Katedra Chemii Ogólnej Politechniki, Poznań.  
(Colorimetry) (Iron) (Iron aside)

KAPITANCZYK, Kazimierz; KURZAWA, Zbigniew; PRYMINSKI, Zygmunt

Photocolorimetric determination of copper as copper azide complex.  
Chem anal 6 no.1:23-27 '61. (ZEAI 10:7)

1. Department of General Chemistry, Politechnika, Poznan.

(Copper) (Copper azides)

KAPITANCZYK, Kazimierz prof.dr.

Technology as a chance for culture. Przegl techn no.20: 6-7 20  
Maj '62.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

KAPITANOWICZ, Kazimierz, prof., dr.

If technology will support the advancement of culture...Problemy 18  
no.5:306-313 '62

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

KAPITANCKZYK, Kazimierz, prof., dr. (ul. Chudoby 18/19 m7, Poznan, Poland);  
KICIAK, S. (Poznan, Poland)

On the analytical use of some  $\text{Me}^{2+}$ -gelatine-potassium hydroxide systems; a short communication. Acta chimica Hung 31 no.4:315-317 '62.

1. Institut für Allgemeine Chemie der Technischen Hochschule, Poznan, Polen.

KAPITANCZYK, Kazimierz

A discussion held in Poznan on chemical terminology used in  
the years 1842-1858. Chemia Poznan no.1:3-70 '62.

1. Department of General Chemistry, Technical University, Poznan.

KAPITANCKI, Kazimierz

Blue oxygen salts obtained by decomposition of hydrogen peroxide.  
Chemia Poznan no.2:3-20 '64.

1. Department of General Chemistry, Technical University, Poznan.

KAPITANCKI, Kazimierz; KURZAWA, Zbigniew; SUSZKA, Andrzej

Protection of steel containers against the action of ammonia  
solutions. Chemia Poznan no.2:21-25 '64.

1. Department of General Chemistry, Technical University, Poznan.

KAPITANCZYK, Kazimierz; MIEDZINSKI, Mieczyslaw

Conductometric determination of carbon in steel. Chemia Poznan  
no.2:33-46 '64.

1. Department of General Chemistry, Technical University, Poznan.

KAPITANCZYK, Kazimierz; MIEDZINSKI, Mieczyslaw; PFLANTZ, Juta

Determination of carbon in sulfur in steel from one assay.  
Chemia Poznan no.2:47-57 '64.

1. Department of General Chemistry, Technical University, Poznan.

KAPITANCYK, Kazimierz; SOLECKI, Roman

A method of joining polyvinyl chloride floor slabs to a concrete base. Chemia Poznan no.2:59-63 '64.

1. Department of General Chemistry, Technical University, Poznan.

KAPITANENKO, A.M. (Leningrad)

Effect of dibazole on experimental infection. Vrach.delo no.7:  
713-714 Jl'58  
(MIRA 11:9)

1. Kafedra farmakologii, farmatsii i farmakognosii (nach.kafedry  
nauk. deyatel' nauki, prof. N.V. Lazarev) Voyenno-meditsinskoy  
akademii im. S.M. Kirova.  
(DIBEZIMIDAZOL)  
(INFECTION)

17(2,6)

SOV/177-58-11-33/50

AUTHOR: Kapitanenko, A.M., Captain of the Medical Corps

TITLE: Prophylaxis of Influenza in the Military Unit

PERIODICAL: Voyenno-meditsinskiy zhurnal, 1958, Nr 11, p 84  
(USSR)

ABSTRACT: The author reports on the application of dibazol for prophylaxis of influenza A (Asia) 57. A total of 231 soldiers under investigation were divided into three groups, the first of which was given 0.2 Akrikhin for three days prior to dinner. After a 4-day interval, a 3-day course was repeated. The second group received, in the course of 3 days, 0.01 dibazol (with 0.2 glucose) daily. After a 1-day interruption the course was repeated. The third group was given daily 0.2 glucose under the same conditions as dibazol. The results obtained showed that in the

Card 1/2

SOV/177-58-11-33/50

Prophylaxis of Influenza in the Military Unit

group in which abizol had been administered, fewer persons became ill than in other groups, and in no case did pneumonia develop.

Card 2/2

ALASHEYEV, P.Ye., KAPITANENKO, A.M.

Effect of certain hypotensive drugs on the reactivity of the circulatory system [with summary in English]. Farm. i toks 21 no. 51  
34-38 2-0 '58 (MIA 11:11)

1. Kafedra farmakologii i farmatsii (nachal'nik - prof. S.Ya. Arbusov) Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(CARDIOVASCULAR SYSTEM, effect of drugs on hypotensive drugs (Rus))  
(BLOOD PRESSURE, hypotensive drugs, eff. on cardiovasc. system (Rus))

KAPITANENKO, A.M.

Influence of dibazole on general and local inoculation reactions.  
Vrach.delo no.2:197-199 F '59.  
(MIRA 12:6)

1. Kafedra farmakologii, farmacii i farmakognosii (zav. -  
zash.deyatel' nauki RSPSR, prof. N.V. Lazarev) Voyenno-mediko-  
tsinskoy akademii imeni S.M. Kirova.  
(DIBAZOLE)

17(2)

SOV/16-59-9-28/47

AUTHOR:

Kapitanenko, A.M.

TITLE:

The Effects of Dibasol on the Synthesis of Immune Bodies in Man.  
Author's Summary

PERIODICAL:

Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, V. 30  
Nr 9, pp 123-124 (USSR)

ABSTRACT:

In view of the results of work in N.V. Lazarev's laboratory that dibasol could increase the body's power of resistance to external factors, the author studied the effects of dibasol on the synthesis of immune bodies in man. The test group was given dibasol in powder form once a day, before dinner, in a dose of 0.01 g. The course lasted for 14 days. Three courses were given with 7-day rest periods in between. Blood samples were taken after 1, 4 and 8 weeks and tested for the presence of agglutinins. The tests indicated that dibasol contributed to the synthesis of antibodies against *Salmonella typhosa*, *Salmonella paratyphosa A* and *B* and *Shigella sonnei*, which were found in large numbers and were retained for longer than in the control group. Dibasol had less effect on the synthesis of antibodies against *Shigella flexneri*. The author commends the method for increasing the

Card 1/2

KAPITANENKO, A.M.

Effect of dibazoll on phagocytosis and the function of the  
reticuloendothelial system. Zhur.mikrobiol., epid.i immun. 33  
no.8:69-73 Ag '62. (MIRA 15:10)

1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.  
(PHAGOCYTOSIS) (RETICULO-ENDOTHELIAL SYSTEM) (BENZIMIDAZOLE)

L 19707-65 Pa-4 AMD  
ACCESSION NR: AP5001574

S/0177/64/000/010/0019/0073

Author: Kapitanenko, A. M. (Major of medical service, Candidate of medical sciences)

**TITLE:** Clinical manifestations and therapeutical measures to be taken as a result of chronic exposure to UHF B

**SOURCE:** Voenno-meditsinskiy zhurnal, no. 16, 1974, p. 21

**TOPIC TAGS:** UHF, central nervous system, cardiovascular system, heart, asthenia, radar station, labor hygiene

**ABSTRACT:** The author conducted clinical investigations on 100 young men (20 to 26 yr old), 66 of whom were radar operators and 16 of whom were repair and maintenance technicians. The remaining 34 personnel (control group) lived under identical conditions but were not chronically exposed to UHF. The sources of UHF radiation consisted of radar generators of decimeter and centimeter waves. The length of time that exposed personnel had been operational in their professions varied from 1000 to 3000 hr. Studies were made of the functional condition of the circulatory and nervous systems,

Card 1/3

L 19707-65

ACCESSION NR: AP5001574

internal organs, eyes, and blood biochemistry. It was felt that the neurological disorders observed corresponded to the intensity and duration of exposure to UHF fields. Two personnel with asthenic syndromes had been exposed for more than 3 yr. Electrocardiogram data revealed that 33% of exposed personnel had pulses of 65 beats/min or less while this was true for only 12% of the control group. In general, alterations in the functional condition of the cardiovascular system were not sharply pronounced. A few transients were cause tachycardia, sinus bradycardia, and symptoms of moderate myocardial muscular changes. Most cardiovascular alterations were felt to be compensated. Similarly, no sharp alterations were noted in the blood biochemistry. However, in 20% of the cases examined, the leukocyte count in the peripheral blood was lower than 5000 while in 8% of the cases it was higher than 8000, which indicated a tendency towards leukopenia. No alterations in eye pathology were noted. In general, the investigations indicated that chronic exposure to UHF could result in functional alterations of the nervous system, such as the asthenic syndrome; cardiovascular shifts, such as pulse lability, hypotonia, dullness of heart tones, various systolic

Card 2/3

L 19707-65

ACCESSION NR: AP5001574

Murmurs, moderate myocardial and vagotonic changes; moderate disruption of gastric acid secretion; leukocyte lability; and a tendency towards leukopenia.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3160

Card 3/3

USSR/Cultivated Plants - Grains.

M-4

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39178

Author : Muradkhanyan, L.K., Kapitanenko, N.N.

Inst :

Title : The Seed Qualities of Grain When it is Harvested Separately.

Orig Pub : Selktsiya i semenovodstvo, 1957, No 3, 53-55.

Abstract : Data supplied by kolkhozes as to the absolute weight, germination, energy of sprouting, nature, glassiness, and seed moisture of grain crops are given in this paper. The quality of seeds was higher when a separate harvest took place than when the harvest was combined.

Card 1/1

~~KAPITANENKO, Nikolay Nikolayevich; TOMASHEVICH-TSEDIK, Z.P., kand.biolog.~~  
~~nauk, red.; KUBANOV, G.M., red.; LOGINOVA, Ye.I., tekhn.red.~~

[Society for the promotion of agriculture and forestry] Nauchno-  
tekhnicheskoe obshchestvo sel'skogo i lesoho khoziaistva. Moskva,  
Izd-vo N-va sel'.khoz.ESFSR, 1958. 85 p. (MIRA 12:2)  
(Agricultural societies) (Forestry societies)

KAPITANEMKO, N.N.

In the Scientific Technical Society of Agriculture and Forestry.  
Zemledelie 6 no.11:91-93 N '58. (MIRA 11:11)  
(Agriculture) (Forests and forestry)

KAPITANENKO, N.

Trigonella. Mauka i pered.op. v sel'khoz. 8 no.11:5 II '58.  
(MIRA 11:12)  
(Trigonella)

30(1)

SOV/25-59-7-7/53

AUTHOR: Lorkh, A., Doctor of Agricultural Sciences, and  
Kapitanenko, N., Agronomist

TITLE: Toward an Abundance of Potatoes

PERIODICAL: Nauka i zhizn', 1959, Nr 7, pp 17-22 (USSR)

ABSTRACT: The article is concerned with the growing of potatoes in the USSR, their manuring and fertilizing, top-dressing, tilling, pest control, and the development of special machinery for their cultivation. The following organizations and personalities are mentioned: Vsesoyuznyy nauchno-issledovatel'skiy institut spirtovoy promyshlennosti (All-Union Scientific Research Institute of the Alcohol-Producing Industry), Smolenskaya opytnaya stantsiya (Smolensk Testing Station), Institut kartofel'nogo khozyaystva (Institute of Potato Growing), Petrovskaya gosudarstvennaya selektsionnaya stantsiya (Petrovskaya State Selection Station), Iglinorskaya and

Card 1/2

SOV/25-59-7-7/53

Toward an Abundance of Potatoes

Surazhskaya RTS (Iglino and Surazh RTS), Karachevskaya MTS (Karachevo MTS), and Academician T.D. Lysenko. In 1958, the Ministerstvo sel'skogo khozyaystva SSSR (Ministry of Agriculture of the USSR) organized a contest to help develop new machinery for the mechanization of unwieldy operations in potato and vegetable cultivation. In the Moskovskaya, Leningradskaya, Sverdlovskaya, Gor'kovskaya, Kemerovskaya, Rostovskaya, and other oblasts, special kolkhozes to supply large cities and industrial centers with potatoes, vegetables, fruit, and berries will be established. There is 1 set of pictures and 5 photographs.

Card 2/2

KAPITANENKO, N.N.

Study the essential part thoroughly. Zemledelie 8 no.12:81-82 D  
'60.  
(MIRA 13:11)

1. Chlen Nauchno-tekhicheskogo obshchestva sel'skogo i lesnogo  
khozyaystva.  
(Agriculture)

ZABAZNYY, P.A., agronom; KAPITANENKO, N.N., agronom.

Corn is milk, meat, and butter...Manka i zhizn' 27 no.3:27-30  
Mr '60. (NIRA 13:6)  
(Corn (Maize))

KAPITANENKO, N.; SURKOVA, L.

Weeds should be removed from fields. NTO 5 no. 17, Jan '63.  
(NIRA 16:5)  
(Weed control)

SAVICH, V.A.; KAPITANETS, Ye.P., red.; BRAYNINA, M.I., tekhn. red.

[Psychrometric tables] Psichrometricheskie tablitsy. Izd.2.  
Leningrad, Gidrometeoizdat, 1963. 251 p. (MIRA 16:8)  
(Hygrometry--Tables)

IMYANITOV, I.M., kand. fiz.-mat. nauk, red.; KAPITANETS, Ye.P.,  
red.; ALEKSEYEV, A.G., tekhn. red.

[Materials from observations of the intensity of the electric  
field of the atmosphere at various altitudes based on data  
from airborne sounding during the International Geophysical  
Year and the International Geophysical Cooperation, 1958-1959]  
Materialy nabliudeniia napriashennosti elektricheskogo polia  
atmosfery na razlichnykh vysotakh po dannym samoletnogo sondi-  
rovaniia v period Meshdunarodnogo geofizicheskogo goda i Mesh-  
dunarodnogo geofizicheskogo sotrudничestva, 1958-1959 gg. Pod  
red. I.M. Imianitova. Leningrad, Gidrometeoizdat, 1963. 226 p.

(MIRA 16:7)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy slushby.

(Atmospheric electricity)

PARAMONOV, N.A., nauchnyy sotr., sny. red.; KAPITANETS, Ye.P., red.;  
ALEKSEYEV, A.G., tekhn. red.

[Materials on measurements of the elements of atmospheric electricity, 1957-1959; aboveground observations of the gradients of potential electric field in the atmosphere and electric conductivity of air over the Soviet Union during the International Geophysical Year and the period of International Geophysical Cooperation] Materialy izmerenii elementov atmosfernogo elektrichestva za 1957-1959 gg.; nasemye nablyudenia na gradientom potentsiala elektricheskogo polia v atmosfere i elektricheskoi provodimost'iu vosdukh nad territoriei Sovetskogo Soiuza v period Mezhdunarodnogo geofizicheskogo goda i Mezhdunarodnogo geofizicheskogo sotrudничества. Leningrad, Gidrometeoizdat, 1963. 337 p.  
(MIRA 16:8)

1. Leningrad. Glavnaya geofizicheskaya observatoriya.  
(Atmospheric electricity—Measurement)

ZHITOMIRSKAYA, O.M.; SEMENOVA, O.A., red.; KAPITANETS, Ye.P.,  
red.

[Climatic description of the Aral Sea region] Klimati-  
cheskoe opisanie raiona Aral'skogo moria. Leningrad,  
Gidrometeoizdat, 1964. 66 p. (MIRA 18:10)

DROZDOVA, Valentina Mikhaylovna; PETRENCHUK, Ol'ga Petrovna;  
SELEZNEVA, Yevgeniya Semenovna; SVISTOV, Petr Filippovich;  
KAPITANETS, Ye.P., red.

[Chemical composition of the atmospheric precipitation in  
the European territory of the U.S.S.R.] Khimicheskii sostav  
atmosfernykh osadkov na Evropeiskoi territorii SSSR. [By]  
V.M.Drozdova i dr. Leningrad, Gidrometeoizdat, 1964. 209 p.

(MIRA 17:5)

1. Otdel aerologicheskikh issledovaniy Glavnaya geofiziches-  
koy observatori: (for all except Kapitanets).

SAZONOV, Boris Ivanovich; KAPITANETS, Ye.P., red.

[Upper barometric formations and solar activity] Vysotnye  
baricheskie obrazovaniia i solnechnaia aktivnost'. Lenin-  
grad, Gidrometeoizdat, 1964. 129 p. (MIRA 17:5)

KAPITANIAK, A.

Experiments concerning the use of a grateless forehearth. p.122.  
GAZ, WODA I TECHNIKA SANITARNA (Polskie Zrzeszenie Gazownikow, Wodociagowcow i  
Technikow Sanitarnych) Warszawa  
Vol. 30, no. 4, Apr. 1956

So. East European Accessions List      Vol. 5, No. 9      September 1956

KAPITANIAK, A.

✓109

621.18 : 663.13 : 668.14.004.14

Kapitanik A. The Possibility of Substituting E-W Type Steel Boilers  
for Cast Iron Central Heating Boilers.

"Mocillwość zastąpienia żeliwnych kotłów centralnego ogrzewania  
kotłami stalowymi typu E-W". Gaz, Woda i Technika Sanitarna, No. 4,  
1955, pp. 109-112, 8 tabs., 2 figs.

The author examines the possibility of substituting E-W type steel  
boilers (constructed by E. Wojciechowski) for cast iron central heating  
boilers. E-W boilers are adapted for use with coal slack of low calorific  
value and high ash and water content. From experimental investigations  
and analysis of the construction and use of boilers, the author reaches  
the conclusion that the possibility of such substitution in existing  
boiler rooms is limited, because of the larger dimensions, employment  
of artificial blast and the shorter operation period of E-W boilers as  
compared with cast iron boilers. In new installations, however, E-W  
type boilers are strongly recommended.

Miech

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CIA-RDP86-00513R000520420019-8

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

KAFYTNIAK, A.

Starting and testing the efficiency of a low-capacity boiler. p. 122

GAX, WEDA I TECHNIKA SANITARNA. (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Sanitarnych, Ogrzewnictwa i Gazownictwa) Warszawa, Poland.  
Vol. 33, no. 3, March 1959.

Monthly List of East European Acquisitions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

26. 7/5/

S/262/62/000/007/012/016

I007/I207

AUTHOR: Kapitaniak Andrej

TITLE: Investigation of liquid-fuel atomization in centrifugal mechanical injection nozzles

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustavovki, no. 7, 1962. 76, abstract 42.7.415. "Prace inst. techn. ciepl" v. 9 1961, no. 15 13-45

TEXT: The processes of flow and atomization of liquid fuel by centrifugal, mechanical injection nozzles are studied, and computation methods for fuel injection nozzles are outlined. Results are reported of test stand investigations on several types of rejection nozzles, and comparison is made with similar experimental results obtained by other laboratories. Suggestions are made for methods of designing and testing centrifugal, mechanical injection nozzles.

[Abstracter's note: Complete translation.]

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Card 1/1

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Development, design, test, etc.

Development, production and manufacture of aircraft engines, aircraft  
Liquid fuel. Gasoline 10 no. 11; 35% avg. of fuel.

1. Institute of Heat Engineering, etc.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

KAPITANIAK, Andrzej, dr inz.

Influence of the selected characteristics of the design on the work of pressure jet atomizers with bypass governing. Inst techn ciepl prace 12 no.25:41-73 '64.

1. Department of Combustion and Steam Boilers of the Institute of Heat Engineering, Lodz. Submitted December 1963.

KAPITANIAK, Jadwiga, mgr inż.

Indication of the coal and hydrogen content in solid fuels.  
Gosp paliw 11 no.2:77-78 F '63.

KAPITANIAK, Jadwiga, mgr inż.

Determination of the sodium content in liquid fuels with the  
flame photometer. Gosp paliw 11 no.2:78-80 F '63.

KAPITANIAK, Jadwiga, mgr. inz.

Determination of agglomeration temperature of ashes. Gosp paliw  
12 no.7:Suppl Biul inst techn ciepl 12 no.7:253-254 Jl '64.

1. Physico-Chemical Laboratory, Institute of Heat Engineering, Lodz.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

KAPITANOPULLO, Yu.M.; MUKHIM, V.V.; ETSKOVICH, Ya.S.; DUBOVA, B.I.;  
CHUBOVA, T.Ya.

Testing the TSNIIKHP-M-1-57 conveyor dryer. Trudy TSNIIKHP  
no.8:74-77 '60. (MIRA 15:8)  
(Drying apparatus)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

KAPITANOV, G.

Pseudo-embolism of the extremity. Khirurgija, Sofia 6 no.4:193-198  
1953.  
(CIML 25:1)

1. Surgical Propediatric Clinic (Head -- Prof. G. Kapitanov), V. Chervenkov  
Medical Academy, Sofia.

KAPITANOV, G.. prof.; ZAKHARIEV, G.

Surgical therapy of constructive pericarditis. Suvrem. med.,  
Sofia 5 no.9:67-79 1954.

1. Is Propedovtichnata khirurgichna klinika pri Medits. akademii  
V.Chervenkov, Sofia. Zav. katedrata; prof. G.Kapitanov.  
(PERICARDITIS, AMBULATIVE, surgery.)

BURLIEV, B.

KAPITANOV, G., prof.; BURLIEV, B.

Tuberculosis of the rectum; differential diagnosis of rectal stenosis. Khirurgiia, Sofia 7 no.4:193-203 1954.

1. Meditsinska Akademiiia V.Chervenkov, Soflia. Khirurgichna propedetichna klinika, direktor: prof. G.Kapitanov, Institut po rentgenologii, direktor prof. A.Nikolaev.  
(TUBERCULOSIS, GASTROINTESTINAL,  
rectal, differ. diag.)

KAPITANOV, G., professor; GRUEV, Iv.; DENEV, B.; ATANASOV, Dim.

Treatment of ileus with adhesions through intestinal plication.  
Khirurgia, Sofia 8 no.2:111-117 1955.

1. Vissh meditsinski institut V. Chervenkov--Sofia propedevtichna  
khirurgichna klinika Direktor: prof. G. Kapitanov.  
(INTESTINAL OBSTRUCTIONS, surgery,  
adhesive ileus)

KAPITANOV, G., professor

Some questions on the treatment of adhesive pericarditis [with  
summary in English, p.155] Vest.khir. 77 no.3:18-22 Mr '56.

1. Is kafedry khirurgicheskoy propedevtiki Sofiyskogo Vysshego  
meditsinskogo instituta imeni V.Chervenkova.  
(PERICARDITIS, ADHESIVE, ther.)

(MLRA 9:?)

SPITAEV, O.; MATEV, V.; KISHEV, St.

Late results of subdiaphragmatic vagotomy in the treatment of duodenal ulcer. Khirurgiiia, Sofin 10 no.5:396-405 1957.

I. Viash neitsiinski institut -- Sofiia, Katedra po chirurgicheskim probedeniiam. Zav. katedrata: prof. G. Karitanov.  
(PEPTIC ULCER, surg.)

subdiaphragmatic vagotomy in duodenal ulcer (Bul)  
(VAGOTOMY, in var. dis.)

subdiaphragmatic in duodenal ulcer (Bul))

EXCERPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

1107. COMPARATIVE EVALUATION OF SOME SURGICAL APPROACHES TO  
THE PERICARDIUM (Bulgarian text) - Kapitanov G., Altunkov P.  
and Karabashev B. - KHIRURGIJA (Sofia) 1957, 10/8 (691-701) Illus. 5  
The transverse approach with section of the sternum at the level of the 4th intercostal spaces and opening of both pleural cavities showed the most favourable and efficient for accessibility. This approach produces a wide view and space for surgical manipulations on the whole pericardium, heart and large vessels, and is superior to the other approaches discussed. Taking into consideration that the operation is performed under intratracheal anaesthesia with controlled breathing and good reanimation, it is evident that the double pneumothorax represents no problem.



KAPITANOV, G., professor

Surgical treatment of cardiospasm. Khirurgija, 33 no.1:30-33  
Ja '57 (MLRA 10:4)

1. Iz kafedry khirurgicheskoy propedevtiki (sav.-prof. G. Kapitanov)  
Sofiyskogo vysshego meditsinskogo instituta v Bolgarii.  
(CARDIOSPASM, surg.) (Eng)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

KAPITANOV, G., Prof.; POPOV, G., Prof.; CHERVENAKOV, A., Prof.

Anesthesia in surgery and its achievements and development in Bulgaria.  
Khirurgija, Sofia 11 no.5-6:425-438 1958.

(ANESTHESIOLOGY  
in Bulgaria (Bul))

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

KAPITANOV, G., prof.; ALTYNKOV, P.; KARABASHOV, B.

Comparative studies on some approaches in surgery of the heart and pericardium. Vest.khir. 81 no.11:41-46 N '58.

(MIRA 12:3)

1. Iz kafedry khirurgicheskoy prepevtiki i kafedry operativnoy khirurgii s topograficheskoy anatomiyey Sofiyskogo vysshego meditsinskogo instituta. Adres avtorov: Bolgariya, Sofiya, Vysshiy meditsinskiy institut.

(CHEST--SURGERY)

KAPITANOV, G.; GIUROVSKI, Al.; RANEV, D.

Operative therapy of inguinal testicular retention with the resection  
of inferior epigastric vessels. Khirurgiia, Sofia 14 no.7:583-592  
'61.

1. Vissz meditsinski institut, Sofiia. Katedra po propedevtika na  
khirurgichnite zaboliavaniia i operativna khirurgiia s topografska  
anatomia. Zav. katedrata prof. G. Kapitanov.

(CRYPTOCHISM surg)

KAPITANOV, G., prof.; ATANASOV, A.

Chronic fibrous strumitis (Riedel). Khirurgiia (Sofia) 15 no.1:3-10  
'62.

1. Vissh meditsinski institut, Sofiia. Katedra po propedevtika na  
khirurgichnite zabolavaniia Zav. katedrata: prof. G. Kapitanov.

(GOITER case reports)

KAPITANOV, G.; KARABASHEV, V.

Surgical therapy of adhesive pericarditis. Nauch. tr. vissh.  
med. inst. Sofiia 42 no.6:125-130 '63

1. Predstavena ot prof. G.Kapitanov, rukovoditel na Katedrata  
po propedevtika na khir. bolesti.

\*

KAPITANOV, G.; NIKIFOROV, St.; MARKOV, Tsv.; RUNEV, G.

Echinococcosis of the diaphragm. Khirurgija (Sofia) 18 no.5:  
505-511 '65.

1. Katedra po propedevtika na khirurgichnite zaboliavaniia  
(rukovoditel - prof. G. Kapitanov), Vissz meditsinski institut,  
Sofia.

KAPITANOV, G.

~~ATANASOV, A.~~

Bulgaria

Higher Medical Institute, Department of Preliminary  
Instruction of Surgical Diseases (VMI-Katedra po  
prepedevtika na khirurgichnite zaboljavanija), Sofia;  
Director: G. Kapitanov, Prof.

Sofia, Khirurgika, No 1, 1966, pp 102-105.

"Carcinomatous Degeneration of Dermoïd Sacral Cysts."

Co-Authors:

Iv. Dimitrov  
St. Kunev

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8

KAPITANOV, I.K. (SSSR, Blagoveshchensk)

Slides an heir use in physic; classes. Mat i fiz Bulg 7  
no.4:62 Jl-Ag '64.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420019-8"

KAPITANOV, N.N., POTEKHINA, L.A., PETROVA, N.P.

Forces for suturing major blood vessels. Med.prom. 12 no.12:52-53  
D'58  
(MIRA 11:10)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy  
apparatury i instrumentov.  
(SUTURES)  
(SURGICAL INSTRUMENTS AND APPARATUS)

28217

S/194/61/000/005/052/078  
D201/D303

9.2210

AUTHORS: Livshits, B.N. and Kapitanov, R.A.

TITLE: A new recording pen-galvanometer

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,  
no. 5, 1961, 5, abstract 5 E24 (Novosti med. tekhn.  
1960, no. 5, 98-101)

TEXT: A polarization type recording galvanometer (model ЧПГ-4 (ChPG-4)) has been designed for use in multi-channel systems. The range of recorded frequencies - 140 c/s ± 10%. The error of amplitude response is ± 0.5 mm at amplitudes up to ± 14 mm. Length of pen is 100 mm. Instability of the zero line is ± 0.3 mm with a demagnetizing field frequency of 400 c/s. The volume of the galvanometer 150 cm<sup>3</sup>. Weight 800 g. Control power 6 VA. The moment of inertia of the moving part is 16 g/cm<sup>2</sup>. The stability of the zero line is obtained without springs by an induction of 18,000 gauss in 0.2 mm gaps. The above frequency range has been obtained

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A new recording pen-galvanometer

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because liquid damping has been abandoned in favor of shunting of part of the winding by an RC shunt. The changes in the yoke and winding design made it possible to reduce the amount of copper used by 5 times, the volume 2.2 times, and to reduce the weight by 30% compared with the old model ChPG-2. The dispersion fields do not go at all beyond the surfaces nearly in contact with galvanometers. This is because they are nearby, in the recording unit. This permits the exclusion of their influence upon each other and to utilize the chart width in full. 2 references. [Abstracter's note: Complete translation]

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KAPITANOV, R.A.; LIVSHITS, B.N.

The new ChRG-4 ink-recording galvanometer. Priborostroenie  
no.4:21-22 Ap '62. (Galvanometer) (MIRA 15:4)

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KAPITANOV, R.A.

Optimum parametric series for casters; Standartizatsiya 25 no.1:6-10  
Ja '61. (MIRA 14:3)  
(Wheels--Standards) (Preferred numbers)

APPROVED FOR RELEASE: 06/13/2000

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